Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

August 19, 2002

Mr. Scott Seery
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

SUBJECT: WORKPLAN ADDENDUM FOR ADDITIONAL SUBSURFACE SITE ASSESSMENT AT THE MISSION VALLEY ROCK COMPANY FACILITY LOCATED ON 7999 ATHENOUR WAY, SUNOL, CALIFORNIA

Mr. Seery:

Tait Environmental Management, Inc. (TEM), on behalf of Mission Valley Rock Company (MVR), presents this addendum to the workplan dated July 22, 2002 for Additional Subsurface Site Assessment at the MVR Facility (Site) located at 7999 Athenour Way, Sunol, California.

This addendum addresses the change of scope that was recommended by you during a phone conversation on July 7, 2002. Instead of using hollow stem augers and setting three (3) groundwater monitoring wells you recommended the use of "rapid site assessment tools" (e.g. GeoProbe®) for the additional site assessment.

The following paragraphs describe the proposed methods that will be used to meet the recommended change in scope.

Drilling and Soil Sampling

Eight (8) soil borings will each be driven throughout the Site using GeoProbe® technology. The proposed boring locations are shown on Figure 1 (attached). The eight (8) borings will be drilled to a depth of approximately 25 feet below ground surface (bgs). Samples collected from the borings will be used to assess the vertical and lateral impact in the soil. A TEM geologist, trained and supervised by a California Registered Geologist, will describe soil samples using the Unified Soil Classification System (USCS).

Soil samples will be collected at five-foot depth intervals and/or where changes in lithology are observed. Soil samples will be collected in a 1.5-inch diameter by 2-foot bore sampler housing acetate sampling sleeves. The field geologist will use a Photoionization Detector (PID) to screen the soil samples in the field for the presence of volatile organic compounds (VOC's) and to select soil samples for laboratory analyses. The ends of the selected acetate sleeves will be capped with Teflon lined rubber caps. The samples will be labeled and placed into an ice-chilled cooler (4°C). The collected samples will be transported to a State-Certified laboratory for analyses under chain-of-custody protocol.

Groundwater Sampling

Groundwater samples will be collected from each of the eight (8) borings upon completion of soil sampling. The groundwater samples will be extracted using tubing which is inserted down the center of the GeoProbe® rods into the stainless steel screen sampler. The most common methods of extracting the groundwater are a bailer, a check valve, or a peristaltic pump, depending upon the volume desired.

Laboratory Analyses

A total of 40 soil samples will be collected from the eight (8) borings and submitted to a laboratory for analyses. The soil samples will be analyzed for the diesel and gasoline fraction of total petroleum hydrocarbons (TPHd and TPHg, respectively) EPA Method No. 8015M. In addition, all soil samples will be analyzed for VOC's including benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), and other oxygenates using EPA Method No. 8260B.

The 11 groundwater samples (8 from new borings and 3 from existing wells) will be analyzed for TPHd, TPHg, VOC's (BTEX, MTBE, and oxygenates). All analytical data will be reported by a California State-Certified laboratory.

Project Schedule

The proposed work can be initiated upon written approval of the work plan by ACHCSA. A final report can be submitted to the ACHCSA within 60 days of completion of the field work and receipt of all laboratory reports.

Closure

If you should have any questions regarding this proposal, please contact the undersigned at (714) 560-8200, at your convenience.

Very truly yours,

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Scott E. Ek

Scott E. Ek
Project Geologist

Attached:

Figure 1 – Site Plan with Proposed Boring Locations

Cc: Mort Calvert, Mission Valley Rock Company

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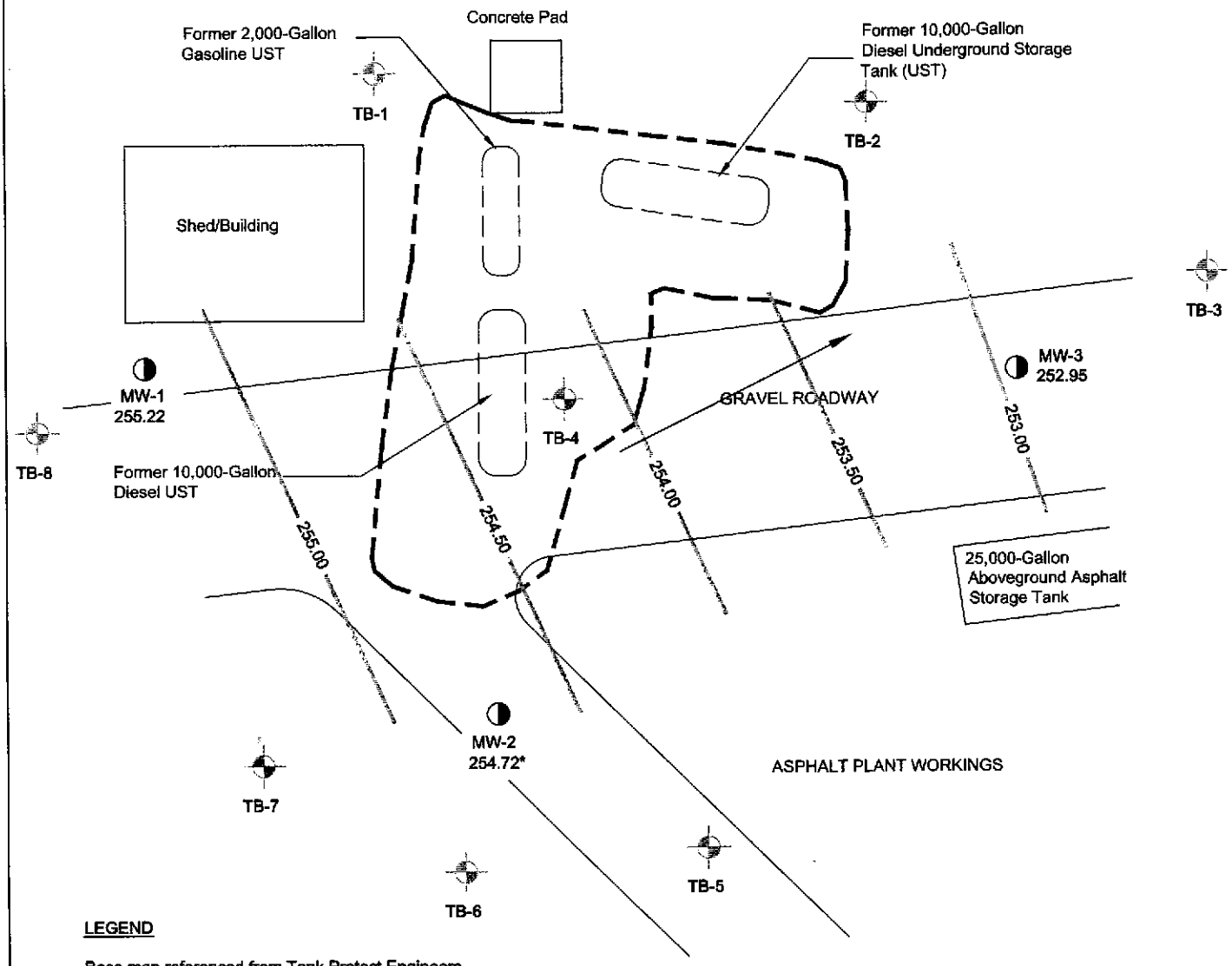

LEGEND

Base map referenced from Tank Protect Engineers

All locations and dimensions are approximate

TB-1 — Proposed location of soil boring

MW-1 255.22 — Existing groundwater monitoring well location with groundwater elevation in feet above mean sea level (ft-msl) (Fourth Quarter 2001)

255.00 — Groundwater elevation contour in feet-msl (Fourth Quarter 2001)

General direction of groundwater flow (Fourth Quarter 2001)

Approximate limits of former UST excavation

254.72* — Corrected groundwater elevation (Liquid-Phase Hydrocarbons detected in well) (Fourth Quarter 2001)

0 20

Scale (1" = 20')

North

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SITE PLAN WITH PROPOSED SOIL BORING LOCATIONS

(SECOND REVISION)
MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5010 | FIGURE 1